

## ABSTRACT OF THE DISCLOSURE

A method for making a wear-resistant electrically conductive body having an electrically conductive diamond-like carbon coating, by ion-accelerating copper ions from a copper ion source onto a negatively charged electrically conductive body, and simultaneously ion-accelerating diamond-like carbon ions from a separate carbon ion source onto the negatively charged electrically conductive body. Also a dual ion-beam process for depositing a wear-resistant diamond-like carbon coating on a negatively charged electrically conductive surface by using an ion-beam to stabilize ionized carbon atoms that have been ion-accelerated onto the negatively charged electrically conductive surface.